



PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/672,074
				Filing Date	29 September 2003
				First Named Inventor	Paula SUNDSTROM
				Art Unit	1614 1652
				Examiner Name	Unassigned T. Saidha
				Attorney Docket Number	48544-00012
Sheet	1	of	4		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code <sup>2</sup> (if known)				
JMS	A1	5,627,153	05/97	Little, II et al.		
	A2	5,652,332	07/97	Little, II		
	A3	5,733,872	03/98	Little		
	A4	5,763,567	06/98	Little		
	A5	5,858,974	01/99	Little, II et al.		
	A6	5,863,762	01/99	Buratowski et al.		
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
JMS	A7	WO 90/06997	06/90	WIPO		
	A8	WO 92/15676	09/92	WIPO		
	A9	WO 00/63442	10/00	WIPO		

Applicant's unique citation designation number (optional). <sup>2</sup> See attached Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
JMS	A10	Alspaugh et al., 11 GENES & DEVELOPMENT 3206-17 (1997)		
	A11	Anderson and Soll, 132 J. GEN. MICROBIOL. 2035-47 (1986)		
	A12	Anderson, 2 Hum. Gene Ther. 99-100 (1991)		
	A13	Anderson, 256 SCIENCE 808-13 (1992)		
	A14	Anderson et al., 6 Biotechniques 650-60 (1988)		
	A15	Bahn et al., SEQUENCE ALIGNMENT REPORT ACCESSION #Q9Y873		
	A16	Barlow et al., 82 Pt. 2 J. GEN MICROBIOL. 261-72 (1974)		
	A17	Barr et al., 254 SCIENCE 1507-9 (1991)		
	A18	Baum and Perrimon, 10(16) CURR. BIOL. 964-73 (2000)		
	A19	Behr et al., 86 PROC. NATL. ACAD. SCI. USA 6982-6 (1989)		
	A20	Birse et al., 61 INFECT. IMMUN. 3648-55 (1993)		
	A21	Boeke et al., 197 MOL. GEN GENET. 345-6 (1984)		
	A22	Brash et al., 7 MOL. CELL BIOL. 2031-4 (1987)		
	A23	Bruckmann et al., 146 MICROBIOL. 2755-64 (2000)		
	A24	Caddick, MOLECULAR BIOLOGY OF FILAMENTOUS FUNGI 141-52 (1992)		
	A25	Calera et al., 67 INFECT. IMMUN. 4280-4 (1999)		
	A26	Calera et al., 68 INFECT. IMMUN. 518-25 (2000)		
	A27	Capecchi, 22 CELL 479-88 (1980)		
	A28	Castilla et al., 10 CELL. SIGNAL 713-19 (1998)		
	A29	Cepko et al., 37 CELL 1053-62 (1984)		
	A30	Chapman et al., 71 CIRC. RES. 27-33 (1992)		
	A31	Chattaway et al., 123 J. GEN. MICROBIOL. 233-40 (1981)		
	Examiner Signature	T. Saidha		Date Considered 3/1/06

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		Application Number	10/672,074		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Filing Date	29 September 2003		
		First Named Inventor	Paula SUNDSTROM		
		Art Unit	4814-1652		
		Examiner Name	Unassigned T. Saadha		
Sheet	2	of	4	Attorney Docket Number	48544-00012

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
9/6	A32	Chen et al., 20 MOL. CELL. BIOL. 8696-708 (2000)		
	A33	Cho et al., 30 J. MED. VET. MYCOL. 35-42 (1992)		
	A34	Clapp et al., 78 BLOOD 1132-9 (1991)		
	A35	Cox et al., 15(8) YEAST 703-13 (1999)		
	A36	Csank et al., 8 MOL. BIO. CELL 2539-51 (1997)		
	A37	Csank et al., 66 INFECT. IMMUN. 2713-21 (1998)		
	A38	Dabrowa et al., 13 INFECT. IMMUN. 830-5 (1976)		
	A39	Dai et al., 89 PROC. NATL. ACAD. SCI. 10892-5 (1992)		
	A40	DeRisi et al., 11(1) CURR. OPIN. ONCOL. 76-9 (1999)		
	A41	Egidy et al., 13 EXP. MYCOL. 428-32 (1989)		
	A42	Fedor-Chaiken 61 CELL 329-40 (1990)		
	A43	Felgner et al., 349 NATURE 351-2 (1991)		
	A44	Felgner et al., 84 PROC. NATL. ACAD. SCI. USA 7413-7 (1987)		
	A45	Feng et al., 181 J. BACTERIOL. 6339-46 (1999)		
	A46	Field et al., 61 CELL 319-27 (1990)		
	A47	Fonzi et al., 134 GENETICS 717-28 (1993)		
	A48	Freeman et al., 16(2) MOL. CELL. BIOL. 548-56 (1996)		
	A49	Freeman et al., 270 J. BIOL. CHEM. 5680-5 (1995)		
	A50	Fu et al., 4(11) MOL. MICROBIOL. 1847-52 (1990)		
	A51	Fu et al., 7(5) MOL. CELL. BIOL. 1691-6 (1987)		
	A52	Gancedo, 25 FEMS MICROBIOL. REV. 107-23 (2001)		
	A53	Ghannoum et al., 63 INFECT. IMMUN. 4528-30 (1995)		
	A54	Gimeno et al., 68(6) CELL 1077-90 (1992)		
	A55	Griffioen et al., 275 J. BIOL. CHEM. 1449-56 (2000)		
	A56	Haas et al., 27(2) CURR. GENET. 150-8 (1995)		
	A57	Hall et al., 17 EMBO J. 4370-8 (1998)		
	A58	Hazen et al., 24 INFECT. IMMUN. 661-6 (1979)		
	A59	Higgins & Sharp, 73 GENE 237-44 (1988)		
	A60	Hilberg et al., 84 PROC. NATL. ACAD. SCI. USA 5232-6 (1987)		
	A61	Holland et al., 84 PROC. NATL. ACAD. SCI. USA 8662-6 (1987)		
	A62	Holmes et al., 133 J. GEN. MICROBIOL. 3219-28 (1987)		
	A63	Houghten et al., 354 NATURE 84-6 (1991)		
	A64	Huang et al., 27(2 Pt. 1) CELL 245-55 (1981)		
	A65	Iyer et al., 283(5398) SCIENCE 83-7 (1999)		
	A66	Jeme et al., 1 EMBO 234 (1982)		
	A67	Jeme, 125 ANN. IMMUNOL. 373 (1974)		
	A68	Johnston, 346 NATURE 776-7 (1990)		
	A69	Kawamukai et al., 3 MOL. BIOL. CELL. 167-80 (1992)		
	A70	Kimura and Pearsall, 21 INFECT. IMMUN. 64-8 (1978)		
	A71	Kinsman et al., 31 MYCOSES 617-26 (1988)		
9/6	A72	Kohler and Fink, 93 PROC. NATL. ACAD. SCI. USA 13223-8 (1996)		
	A73	Kohler et al., 6 EUR. J. IMMUNOL. 511-19 (1976)		
Examiner Signature	T. Saadha		Date Considered	3/1/05

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		Application Number	10/672,074		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Filing Date	29 September 2003		
		First Named Inventor	Paula SUNDSTROM		
		Art Unit	1614 1652		
		Examiner Name	Unassigned T. Sarda		
Sheet	3	of	4	Attorney Docket Number	48544-00012

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J/S	A74	Kohler et al., 256 NATURE 495-97 (1975)			
	A75	Kronstad et al., 170 ARCH. MICROBIOL. 395-404 (1998)			
	A76	Kronstad et al., 73 Suppl. 1 CAN. J. BOT. S258-65 (1995)			
	A77	Kübler et al., 272 J. BIOL. CHEM. 20321-3 (1997)			
	A78	Kudla et al., 9(5) EMBO J. 1355-64 (1990)			
	A79	Kulkarni et al., 5 Exp. MYCOL. 148-54 (1981)			
	A80	Kurtz et al., 6 MOL. CELL. BIOL. 142-9 (1986)			
	A81	Lam et al., 354 NATURE 82-4 (1991)			
	A82	Lambrechts et al., 93 PROC. NATL. ACAD. SCI. USA 8419-24 (1996)			
	A83	Land et al., 11(5) INFECT. IMMUN. 1014-23 (1975)			
	A84	Larrick et al., GENE THERAPY. APPLICATION OF MOLECULAR BIOLOGY 71-104 (Elsevier Science Publishing Co., Inc.) (1991)			
	A85	Leberer et al., 7 CURR. BIOL. 539-46 (1997)			
	A86	Leclerc et al., 90 J. CLIN. INVEST. 936-44 (1992)			
	A87	Lengeler et al., 64 MICROBIOL. MOL. BIOL. REV. 746-85 (2000)			
	A88	Lila and Drubin, 8 MOL. BIOL. CELL. 367-85 (1997)			
	A89	Lim et al., 83 CIRCULATION 2007-11 (1991)			
	A90	Lo and Dranginis, 9 MOL. BIOL. CELL. 161-71 (1998)			
	A91	Lo et al., 90 CELL 939-49 (1997)			
	A92	Loeb et al., 19 MOL. CELL. BIOL. 4019-27 (1999)			
	A93	Loeffler et al., 54 J. NEUROCHEM. 1812-5 (1990)			
	A94	Lorenz and Heitman 16 EMBO J. 7008-18 (1997)			
	A95	Lorenz et al., 154 GENETICS 609-22 (2000)			
	A96	Lynch et al., 89 PROC. NATL. ACAD. SCI. USA 1138-42 (1992)			
	A97	Marzluf, 61(1) MICROBIOL. MOL. BIOL. REV. 17-21 (1997)			
	A98	Matviw et al., 12 MOL. CELL. BIOL. 5033-40 (1992)			
	A99	Miller et al. in HYBRIDOMAS IN CANCER DIAGNOSIS AND THERAPY 134 (1982)			
	A100	Miller, 357 NATURE 455-60 (1992)			
	A101	Miller, 76 BLOOD 271-8 (1990)			
	A102	Minehart et al., 11(12) MOL. CELL. BIOL. 6216-28 (1991)			
	A103	Mösch and Fink, 145 GENETICS 671-84 (1997)			
	A104	Mösch et al., 10 MOL. BIOL. CELL. 1325-35 (1999)			
	A105	Nabel et al., 244 SCIENCE 1342-4 (1989)			
	A106	Niimi et al., 142 J. BACTERIOL. 1010-4 (1980)			
	A107	Niimi, 20 FUNGAL GENET. BIOL. 79-83 (1996)			
	A108	Palmer et al., 88 PROC. NATL. ACAD. SCI. USA 1330-34 (1991)			
	A109	Quantin et al., 89 PROC. NATL. ACAD. SCI. USA 2581-4 (1992)			
	A110	Reimann et al., 89 J. IMMUNOL. METH. 93-101 (1986)			
	A111	Roemer et al., 208 EUR. J. BIOCHEM. 211-25 (1992)			
	A112	Roman et al., 18 SOM. CELL MOL. GEN. 247-58 (1992)			
	A113	Rupp et al., 18 EMBO J. 1257-69 (1999)			
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(use as many sheets as necessary)**

**Complete if Known**

Application Number	10/672,074
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<b>Filing Date</b>	<b>29 September 2003</b>
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First Named Inventor	Paula SUNDSTROM
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Art Unit	1614 1652
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Examiner Name	Unassigned T. Saidha
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Attorney Docket Number	48544-00012
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Sheet	4	of	4
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#### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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**Examiner  
Signature**

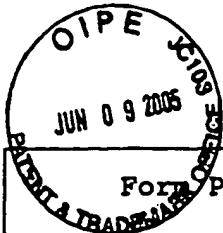
T. Sa'idha

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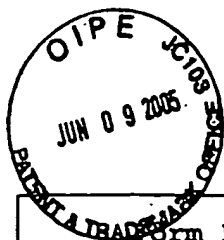
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Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce		Docket No. 48544-00012 (DC-0293)	Serial No. 10/672,074
		Applicant Paula Sundstrom	
		Filing Date September 29, 2003	Group <del>1614</del> 1652
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
J/g	BA	Jung et al., "The cAMP phosphodiesterase encoded by CaPDE2 is required for hyphal development in <i>Candida albicans</i> ", Microbiology 2003 149:2961-2976	
EXAMINER		T. Saidha	
DATE CONSIDERED		3/1/06	



Sheet 02 of 02

Form PTO-1449 Modified  
List of Patents and Publications  
Cited by Applicant  
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U.S. Department of Commerce

Docket No.  
48544-00012 (DC-0293)

Serial No.  
10/672,074

Applicant  
Paula Sundstrom

Filing Date  
September 29, 2003

Group  
1614

## U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>JS</i>	<i>CA</i>	US2003/0104994	6-5-03	Sundstrom	514	12

## FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO

EXAMINER

*T. Saadha*

DATE CONSIDERED

*3/1/06*